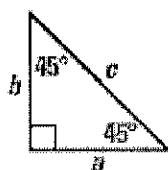


(11.)

| | | |
|-------------|-------------|--------------|
| 45 | 45 | 90 |
| x | x | $x\sqrt{2}$ |
| a | b | c |
| 7 | 7 | $7\sqrt{2}$ |
| 11 | 11 | $11\sqrt{2}$ |
| $5\sqrt{2}$ | $5\sqrt{2}$ | 10 |
| 6 | 6 | $6\sqrt{2}$ |

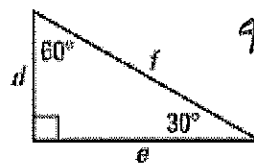
SPECIAL RIGHT TRIANGLES Copy and complete the table.

11.

 $\sqrt{5}$ $\sqrt{5}$ $\sqrt{10}$

| | | | | | |
|---|---|----|----|-------------|------------|
| a | 7 | ? | ? | ? | $\sqrt{5}$ |
| b | ? | 11 | ? | ? | ? |
| c | ? | ? | 10 | $6\sqrt{2}$ | ? |

12.



12.

30

60

90

x

 $x\sqrt{3}$

2x

d

e

f

5

 $5\sqrt{3}$

10

7

 $7\sqrt{3}$

14

8

 $8\sqrt{3}$

16

 $9\sqrt{3}$

27

 $18\sqrt{3}$ $4\sqrt{3}$

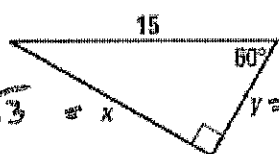
12

 $8\sqrt{3}$

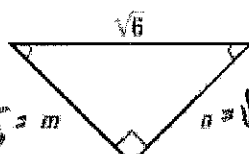
| | | | | | |
|---|---|----|-------------|--------------|----|
| d | 5 | ? | ? | ? | ? |
| e | ? | ? | $8\sqrt{3}$ | ? | 12 |
| f | ? | 14 | ? | $18\sqrt{3}$ | ? |

ALGEBRA Find the value of each variable. Write your answers in simplest radical form.

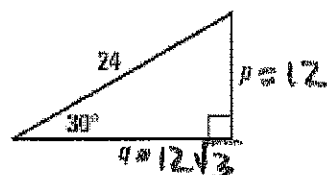
13.

 $7.5\sqrt{3} = x$ $y = 7.5$

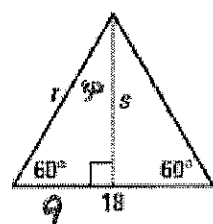
14.

 $\sqrt{3} = m$ $n = \sqrt{3}$

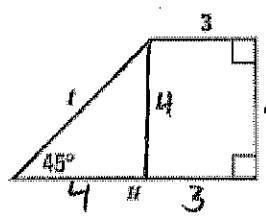
15.

 $p = 12$ $q = 12\sqrt{3}$

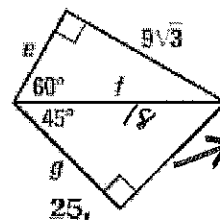
16.

 $r = 18$ $s = 9\sqrt{3}$

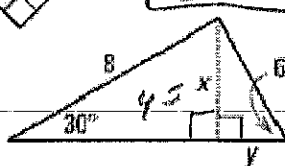
17.

 $u = 7$ $t = 4\sqrt{2}$

18.



$v = 9$
 $w = 18$
 $g = 9\sqrt{2}$

25, $x = 4$ $y = \frac{4\sqrt{3}}{3}$